
Snowplow Specifications – Heavy Duty Poly Blade

HD90-P, HD96-P

Snowplow Finish (Coating)

Galvanized

Blade Assembly

3/8" high density polyethylene sheet x 24" high, formed to fit blade frame. Available in Orange or Platinum.

Overall blade height 27".

1/4" x 2.1/2" x 2.1/2" top reinforcing angle, 3/16" x 2" x 3" bottom reinforcing tube.

Two 1/2" pivot ribs, three 1/4" ribs, two 3/8" ribs, all welded to the top angle sections, and the bottom tube.

Non-reversible cutting edge, 1/2" x 6" high carbon steel C 1090 attached with 1/2" carriage bolts.

Full blade trip with four 2.375" OD x 0.393" diameter carbon steel trip springs preloaded with 5/8" x 6.7/8" eye bolts.

Blade trip pivot - three 3/4" button head rivets in reinforced rib holes.

2 full rotation, height adjustable stamped steel shoes welded to 1" diameter steel shafts and secured with lynch pins.

Optional shock absorber available that attaches to the centre rib and the quadrant.

Plow angling 30 degrees left and right.

High visibility orange spring mounted blade guides.

Quadrant

Welded, reinforced 3/8" x 2.1/2" x 2.1/2" steel angle with attachments for 3/4" diameter cylinder attaching bolts.

3/4" diameter shoulder bolt for A-frame - Quadrant pivot.

A-frame

Welded, reinforced 3/8" x 2.1/2" x 2.1/2" steel angle with attachments for 3/4" diameter cylinder attaching bolts.

5/16" transport lift chain.

Lift frame & Mounting Kit

Universal lift frame - welded, reinforced laser cut 5/16" steel uprights with two 3/16" x 2 3/8" cross tubes. Provisions for auxiliary lights.

Mounting kit -welded, custom designed kit (1/4" & 3/8" formed steel) to fit specific truck.

Formed 3/16" steel lift channel.

Two 1" diameter pins with eye handles for quick blade assembly attachment.

Hydraulics

Out front hydraulics

Combination pump/motor/reservoir, with externally adjustable system relief valve.

Joystick or handheld controller.

Adjustable crossover relief valve.

Two 1.1/2" x 10" Nitrotech coated angling cylinders.

One 1.1/2" x 6" Nitrotech coated lift cylinder, 1.1/2" x 6" lift cylinder in out front pump.

Hydraulic fluid to be low viscosity UNIVIS HVI13 (J13) for out front pump.

Lights

Rectangular Sealed beam AXV lights. Dual beam low profile head lamps or LED headlights with combination of park/turn signals and plug-in harness.